

**AMENDMENTS TO THE SPECIFICATION:**

Please add the following header before the first paragraph beginning on page 1, line 4:

**BACKGROUND OF THE INVENTION**

Please add the following header before the first paragraph beginning on page 2, line 1:

**SUMMARY OF THE INVENTION**

Please amend the paragraph beginning on page 2, line 1, as follows:

~~Assuming this, the~~ The present invention is based on the problem of creating a novel method for producing a cast component.

Please add the following header before the paragraph beginning on page 2, line 21:

**DETAILED DESCRIPTION**

Please amend the paragraph beginning on page 4, line 29, as follows:

The inductive system induces eddy flows and creates a flow within the molten mass. In the sense of the present invention, the element or each element and/or the compound or each compound is added to the molten mass in defined, flow-optimized geometry. Flow-optimized geometry means that the flow-optimized geometry provides good transportation of the element or each element and/or the compound or each compound within the molten mass. ~~For this~~ To optimize the flow within the molten mass, the additional elements or compounds are added to the molten mass as ~~area measured elements and/or disk shaped~~ are plane and/or discoidal shaped elements. This ensures that the additional elements and/or compounds which are to be added to the molten mass are finely distributed throughout the molten mass.